

Converting Colors

YUV(51.0560, -21.2266,
88.5279)

Have a look what the booklet for
YUV(51.0560, -21.2266, 88.5279)
contains.

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Color

**YUV(51.0560, -21.2266,
88.5279)**

Conversions

Conversions Part 1

Format	Color
Hex	980808
RGB	152, 8, 8
RGB Percent	60%, 3%, 3%
CMY	0.4039, 0.9686, 0.9686
CMYK	0.00, 0.95, 0.95, 0.40
HSL	0°, 90%, 31%
HSV	0°, 95%, 60%
XYZ	13.0796, 6.8666, 0.8657
YIQ	51.0560, 85.8240, 30.5280

Conversions

Conversions Part 2

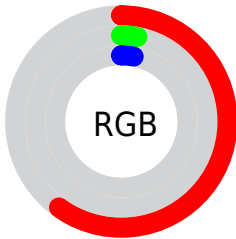
Format	Color
RYB	152, 8, 8
Decimal	9963528
CIELab	31.50, 53.39, 41.93
CIELCh	32, 67.889, 38.143
Yxy	6.8666, 0.6285, 0.3299
Android (android.graphics.Color)	4288153608 (0xFF980808)
YUV	51.0560, -21.2266, 88.5279
Hunter-Lab	26.2042, 43.2391, 16.3841

Details

The YUV color **51.0560, -21.2266, 88.5279** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **108.9440, 21.2266, -88.5279**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.1670, -29.6623, 87.5535**, and **27.2090, -13.4140, 55.9447** is the 20% darker color. If you saturate the color by 10%, you get **45.4480, -22.4059, 93.4461**, and if you desaturate by 10%, it is **61.5710, -19.0155, 79.3062**.

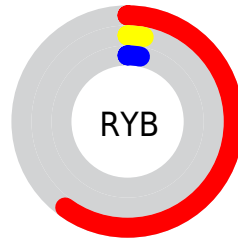
Distribution



Red (60%)

Green (3%)

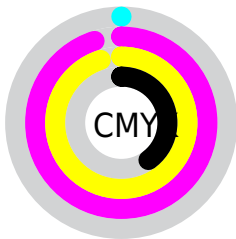
Blue (3%)



Red (60%)

Yellow (3%)

Blue (3%)

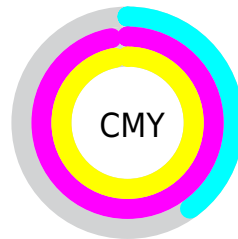


Cyan (0%)

Magenta (95%)

Yellow (95%)

Black (40%)



Cyan (40%)


Magenta (97%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YUV color 51.0560, -21.2266, 88.5279 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 51.0560, -21.2266, 88.5279 by changing the saturation by 10% instead.


 51.0560, -21.2266,
88.5279


 51.0560, -21.2266,
88.5279


 252.9480, -7.8624,
1.7996


 36.4780, -17.9837,
75.0028


 114.1670,
-29.6623, 87.5535


 27.2090, -13.4140,
55.9447

 142.7930,
-32.4359, 90.5125

 19.0650, -8.4130,
38.5310

 164.1830,
-30.6562, 79.6465

 9.0840, -3.9854,
18.3433

 183.4690,
-27.8392, 62.7327

 0.0000, 0.0000,
0.0000

 202.8690,
-24.5854, 45.7189

 222.9700,

-21.1842, 28.0903

■ 243.1850,
-17.3462, 10.3618

■ 51.0560, -21.2266,
88.5279

■ 51.0560, -21.2266,
88.5279

■ 45.4480, -22.4059,
93.4461

■ 61.5710, -19.0155,
79.3062

■ 72.0860, -16.8044,
70.0846

■ 83.3020, -14.4459,
60.2481

■ 93.8170, -12.2348,
51.0265

■ 104.3320,
-10.0237, 41.8048

■ 114.8470, -7.8126,
32.5832

■ 125.3620, -5.6015,
23.3615

■ 136.5780, -3.2430,
13.5251

■ 147.0930, -1.0318,
4.3034

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.8050, 3.0541, 94.0100



51.0560, -21.2266, 88.5279



69.3500, -34.1895, 46.1741

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.0560, -21.2266, 88.5279



58.0110, -13.8094, -50.8756



65.9470, 57.2141, -57.8355

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.0560, -21.2266, 88.5279



108.9440, 21.2266, -88.5279

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.7800, 50.3945, -63.8281



51.0560, -21.2266, 88.5279



65.7970, 10.9461, -57.7040

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.0560, -21.2266, 88.5279



52.2540, -25.7612, -44.0728



71.7250, 33.6596, -62.9028



73.4890, 42.1569, 11.8491

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.0560, -21.2266, 88.5279



69.7830, -34.4030, 21.2383



71.7250, 33.6596, -62.9028



69.5830, 55.9146, -61.0243

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.0560, -21.2266, 88.5279



157.4450, -8.1074, 33.8127



67.4720, 41.6723, 74.1311



75.8670, -4.8644, 20.2876



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.0560, -21.2266, 88.5279



58.6040, -28.8918, 120.4963



93.3200, -42.0628, 51.4624



71.3920, -1.1793, 4.9182



41.8600, -20.6370, 86.0688



3.8870, -1.9163, 7.9921

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



108.9440, 21.2266, -88.5279



137.3960, 28.8918, -120.4963



66.6800, 42.0628, -51.4624



74.6080, 1.1793, -4.9182



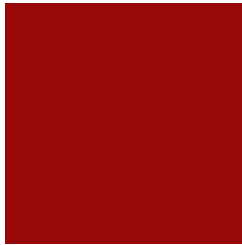
98.1400, 20.6370, -86.0688



9.1130, 1.9163, -7.9921

Previews

White Background



This preview shows how the YUV color 51.0560, -21.2266, 88.5279 looks on a white background.

Color Contrast Check

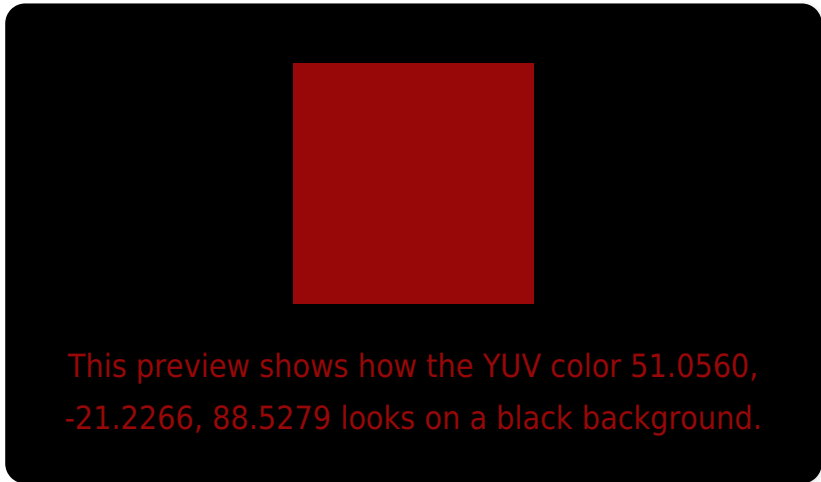
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 51.0560, -21.2266, 88.5279

Background



This preview shows how black text looks on a background with the YUV color 51.0560, -21.2266, 88.5279.



This preview shows how white text looks on a background with the YUV color 51.0560, -21.2266,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.0560, -21.2266, 88.5279

Protanopia

73.4210, -25.3506, 11.0318

Deuteranopia

71.8540, -35.4240, 22.0530



Tritanopia

53.3670, -26.3099, 85.6241

Trichromacy



Original Color

51.0560, -21.2266, 88.5279

Protanomaly

65.3520, -23.8375, 39.1563

Deuteranomaly

64.0880, -30.1164, 46.4038

Tritanomaly

52.5350, -24.4208, 86.3538

Monochromacy



Original Color

51.0560, -21.2266, 88.5279

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.8470, -7.8126, 32.5832

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.0560, -21.2266, 88.5279 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(152, 8, 8)` looks like.

```
.text, #text, p{  
    color:rgb(152, 8, 8)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(152, 8, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 8, 8) }
```

Border

The CSS property to change the border of an element to YUV 51.0560, -21.2266, 88.5279 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 8, 8) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(152, 8, 8) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(152, 8, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 8, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(152, 8, 8); box-shadow:4px  
4px 4px 4px rgb(152, 8, 8) }
```

Background

The CSS property to change the background color of an element to YUV 51.0560, -21.2266, 88.5279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 8, 8) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(152, 8,  
8) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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